



*U.S. Army Space and Missile Defense Command/
Army Forces Strategic Command*

USASMDC/ARSTRAT

Briefing to

The National Commission on the Future of the Army

**Overall Classification:
Unclassified
Approved for Public Release**



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*U.S. Army Space and Missile Defense Command/
Army Forces Strategic Command*

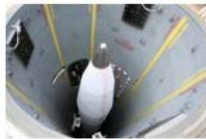
Command Overview

Our Mission

USASMDC/ARSTRAT develops and provides current and future global space, missile defense, and high altitude forces and capabilities to the Army, the Joint Force, and our interagency, intergovernmental, and multinational Allies and partners to enable mission command, enhance deterrence and detection of strategic attacks, and protect U.S. vital interests in all domains. (USASMDC/ARSTRAT Campaign Support Plan 2015-2019).

Other roles

- Army Integrator for Air and Missile Defense
- The Commanding General is also:
 - Senior Commander for U.S. Army Garrison - Kwajalein Atoll and Fort Greely, Alaska.
 - Commander, Joint Functional Component Command for Integrated Missile Defense (JFCC IMD).
 - Personnel Developer, Functional Area 40 Space Operations Officers



**Senior
Commander**



**USASMDC /
ARSTRAT**



JFCC IMD



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U.S. Army Space and Missile Defense Command/
Army Forces Strategic Command

Organization

Commanding
General

Personal Staff

DCG -
Operations

Command
Sergeant
Major

Deputy to the
Commander

1st Space
Brigade

100th Missile
Defense
Brigade (GMD)

Army Astronaut
Detachment

Army Space
Personnel
Development
Office

Chief of Staff

Special Staff

Coordinating
Staff

Arlington LNO

HHC

Future Warfare
Center

- Capability Development Integration Directorate
- Concepts Development Directorate
- Decision Support Directorate
- TRADOC Capability Manager for Space
- TRADOC Capability Manager for Global Missile Defense
- Directorate of Training and Doctrine

Tech Center

- Space and Strategic Systems Directorate
- Air and Missile Defense Directorate
- Reagan Test Site Directorate

USASMDC/ARSTRAT

Priorities:

Defend the Homeland
Support the Warfighter
Prepare for the future
Develop emerging technologies
Sustain strategic advantage
Be responsible stewards of the Nation's resources

Personnel:

3879 Combined

1,791 Military
852 Department of Defense
Civilians
1,236 Army Contractors

**627 Personnel forward
stationed or deployed (as
of 3FEB15)**

"Secure the High Ground"

The sun never sets on USASMDC/ARSTRAT

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Subordinate element data based on TDA eDate 2 October 2014.



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Our Mission Areas in Support of the Army and the Joint Force

ASCC/Operational Support

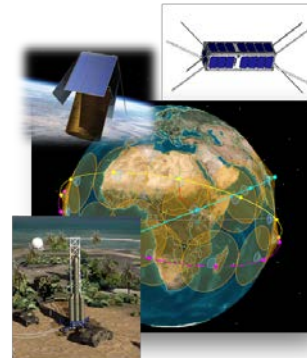
Provide Army space, global missile defense, and high altitude forces and capabilities to the Joint Force.

Service Activities

Execute Army Title 10 service responsibilities (organize, train, equip, etc.) for space, global missile defense, and high-altitude forces and capabilities.

Army Proponency

Promote, develop, and modernize Army space, global missile defense, and high-altitude capabilities.



"Secure the High Ground"

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U.S. Army Space and Missile Defense Command/
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A Global Command



"Secure the High Ground"

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Closing Thoughts

USASMDC/ARSTRAT provides trained and ready space and missile defense forces to USSTRATCOM and other Unified Combatant Commands.

As ASCC to USSTRATCOM, USASMDC/ARSTRAT provides planning, integration, and coordination of Army forces and capabilities in support of assigned missions.

USASMDC/ARSTRAT is the Army's force modernization proponent for space, high altitude, and global missile defense.

The command is uniquely organized to support the Warfighter and meet its global space and missile defense requirements.

- 1st Space BDE and 100th GMD BDE (*both units are multi-component*)
- Future Warfare Center – the only provider of Army space and missile defense capabilities
- Technical Center – organic capability to support development and operational efforts

Geographically well-positioned and regionally aligned.

- Huntsville: co-located with MDA, AMC/AMCOM/ACC, PEO Missiles and Space, PEO Aviation, MSIC, NASA, and the local technical base.
- Colorado Springs: co-located with MDA, USNORTHCOM, USAF Space Command, JFCC IMD, and the local technical base.

Providing critical capabilities to Combatant Commanders and Warfighters



1ST SPACE BRIGADE

FIRST IN SPACE

Commander

COL Tom L. James



Command Sergeant Major

CSM Norriell Fahie





1ST SPACE BRIGADE

Mission

Provide trained and ready space forces to conduct continuous global space force enhancement, space support, space control and special missions in support of combatant commanders, US government agencies and international partners.

Overview

- **Army's Only Space Brigade – Unique / Multi-Component**
- **Globally Stationed Forces – Continuous Mission**
 - **17 Locations/7 Countries / 6 Time zones**
- **Deployable Forces – Tailored to meet Warfighter needs**
 - **Forward Deployed Forces since November 2001**
- **Bridging Strategic to Tactical Echelons**
- **Space Combat Multipliers to Army/Joint Formations**



1ST SPACE BRIGADE

1st Space Brigade

HHC

(1ST Space BDE)

89th Troop Command
(NG)

Training and Readiness Oversight

53rd Signal Battalion

1st Space Battalion

HHC

(1ST Space BN)

117th Space Battalion

HHC

A Company WSOC

B Company WSOC

C Company WSOC

D Company WSOC

E Company WSOC

1st Space Company
Joint Tactical Ground Station
(JTGS)

A DET

B DET

C DET

D DET

2nd Space Company
Army Space Support Teams
(ARSST)

ARSST

ARSST

ARSST

CIT

ARSST

ARSST

ARSST

3rd Space Company
Army Space Support Teams
(ARSST)

ARSST

ARSST

ARSST

ARSST

ARSST

CIT

4th Space Company
Space Awareness and
Protection

DET 1

DET 2

DET 3

DET 4

DET 5

DET 6

5th Space Company
Army Space Support Teams
(ARSST)

ARSST

ARSST

CIT

ARSST

ARSST

ARSST

217th Space Company

ARSST

ARSST

CIT

ARSST

ARSST

CIT

1158th Space Company

ARSST

ARSST

ARSST

ARSST

ARSST

AC

USAR

COARNG

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1ST SPACE BRIGADE

Multicomponent Experience

Advantages:

- AC facilitates the planning for employment of AC and RC elements in exercise and deployment support for this specialized, small community (“Army Space”)
- AC linkage provides RC Space elements with updates on Space TTPs and doctrine on same timeline as AC Space elements
- AC elements provide material and personnel support for sustainment requirements
- Close linkage allows RC to educate AC planners on limitations of USAR forces in terms of time and dollars (which impacts training and readiness)
- With appropriate notice, RC Soldiers can augment AC missions when manning vacancies exist
- RC Soldiers often work as SMEs on civilian side in SMDC and integrate knowledge into RC elements

Disadvantages:

- RC elements are ADCON to 76th ORC and OPCON to 1st Space BDE--doubles daily work and synch requirements
- AC personnel turnover creates requirement for constant training regarding RC-specific issues and processes
- AC and RC operate on different computer networks and data systems
- RC elements not receiving official credit for deployments or exercises because requests for RC forces are directed at an AC element (SMDC then down to Bde)
- RC elements cannot mobilize against an AC FTN
- Perpetuates dependence of RC elements on AC for equipment systems that are not Programs of Record



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100th Missile Defense Brigade (Ground-based Midcourse Defense)

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Who We Are

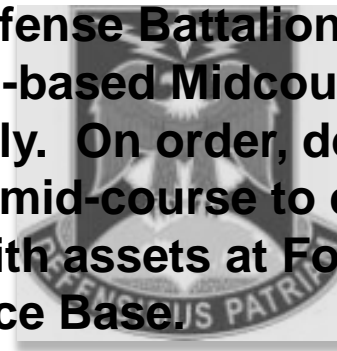
100th Missile Defense Brigade (GMD)

On order, the 100th Missile Defense Brigade (GMD) destroys intercontinental ballistic missiles in mid-course to defend the United States and designated areas.



49th Missile Defense Battalion (GMD)

The 49th Missile Defense Battalion (GMD) operates and secures the Ground-based Midcourse Defense (GMD) system at Fort Greely. On order, destroy intercontinental ballistic missiles in mid-course to defend the US and designated areas with assets at Fort Greely and Vandenberg Air Force Base.





Fort Drum Security Detachment (FDSD)

- MDA constructs an In-flight Interceptor Communications Systems Data Terminal (IDT) at Fort Drum, NY
- 100th BDE assigned responsibility for security of the IDT
- FDSD
 - Two Soldiers (1 OIC, 1 NCOIC)
 - 16 Department of the Army Security Guards
 - One Supervisor
 - Five Alarm Monitors
 - 10 Guards



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AN/TPY-2 Forward Based Mode (FBM) Missile Defense Batteries (MDB)

- Four MDBs, one Missile Defense Detachment
 - Two MDBs PACOM
 - BMDS
 - One MDB CENTCOM
 - Theater/Regional
 - One MDB EUCOM
 - One Missile Defense Detachment converts to a MDB 16 Sep 15
 - Theater/Regional

- Assigned to 100th BDE



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100th BDE Exercise Participation

- USSTRATCOM Tier I
 - GLOBAL LIGHTNING
 - GLOBAL THUNDER
- USNORTHCOM Tier I
 - VIGILANT SHIELD
- USNORTHCOM /PACOM Tier II
 - Ballistic Missile Defense Exercise (BMDEX) Monthly
 - Fleet Synthetic Training Joint (FST-J) Annually